UNITED STATES DEPARTMENT OF COMMERCI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 223 13-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

04/15/2004

GREGORY GIOTTA PH.D VICE PRESIDENT AND CHIEF LEGAL COUNSEL ONYX PHARMACEUTICALS INC 3031 RESEARCH DRIVE RICHMOND, CA 94806

EXAMINER	

WHITEMAN, BRIAN A

ART UNIT

PAPER NUMBER

1635

DATE MAILED: 04/15/2004

	· · · · · · · · · · · · · · · · · · ·	Marine Ma		
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/472,691	12/27/1999	TERRY HERMISTON	ONYX1022	9088

TITLE OF INVENTION: ADENOVIRUS E1B SHUTTLE VECTORS

APPLN. TYPE		SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	1 31	NO	\$1330	\$0	\$1330	07/15/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- □ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

04/15/2004

GREGORY GIOTTA PH.D VICE PRESIDENT AND CHIEF LEGAL COUNSEL ONYX PHARMACEUTICALS INC 3031 RESEARCH DRIVE RICHMOND, CA 94806 Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

4.

Certificate of Mailing or Transmission

I hereby certify that this Fcc(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/472,691	12/27/1999	TERRY HERMISTON	ONYX1022	9088

TITLE OF INVENTION: ADENOVIRUS E1B SHUTTLE VECTORS

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	07/15/2004
EXA	MINER	ART UNIT	CLASS-SUBCLASS] .	
WHITEMA	AN, BRIAN A	1635	424-093200	_	•
CFR 1.363). Change of correspond Address form PTO/SB/1	dence address or indication of "Follower address (or Change of Cl22) attached. tion (or "Fee Address" Indicator more recent) attached. Use	Correspondence	2. For printing on the patent front page names of up to 3 registered patent agents OR, alternatively, (2) the name firm (having as a member a registered agent) and the names of up to 2 registered attorneys or agents. If no name is list will be printed.	attorneys or 1 c of a single d attorney or 2 stered patent	

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. Inclusion of assignce data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or	categories (will not be printed on the patent);	individual	☐ corporation or other private group enti	ty 🚨 governmen
4a. The following fce(s) are enclosed:	4b. Payment of Fee(s):	···		·
☐ Issue Fee	☐ A check in the am	ount of the fee(s)	is enclosed.	
☐ Publication Fee	☐ Payment by credit	card, Form PTO-	2038 is attached.	
Advance Order - # of Copies	The Director is h Deposit Account Nu	creby authorized	by charge the required fee(s), or credit ar (enclose an extra copy of the	y overpayment, to us form).
Director for Patents is requested to apply the Issue	Fee and Publication Fee (if any) or to re-apply	any previously p	oaid issue fee to the application identified a	oove.
(Authorized Signature)	(Date)			
NOTE; The Issue Fee and Publication Fee (if other than the applicant; a registered attorney interest as shown by the records of the United St	or agent; or the assignce or other party in			
This collection of information is required by 3 obtain or retain a benefit by the public which application. Confidentiality is governed by 35 U estimated to take 12 minutes to complete, inclu completed application form to the USPTO. Ti case. Any comments on the amount of time suggestions for reducing this burden, should be Patent and Trademark Office, U.S. Depart 22313-1450. DO NOT SEND FEES OR CO SEND TO: Commissioner for Patents, Alexandr	is to file (and by the USPTO to process) an S.C. 122 and 37 CFR 1.14. This collection is ding gathering, preparing, and submitting the me will vary depending upon the individual you require to complete this form and/or esent to the Chief Information Officer, U.S. ment of Commerce, Alexandria, Virginia MPLETED FORMS TO THIS ADDRESS. ia, Virginia 22313-1450.			
Under the Paperwork Reduction Act of 1995	o, no persons are required to respond to a		,	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/472,691	12/27/1999	TERRY HERMISTON	ONYX1022	9088
	90 04/15/2004		EXAM	INER
GREGORY GIO VICE PRESIDENT	ΓΤΑ PH.D ΓAND CHIEF LEGAL CO	UNSEL	WHITEMAN	, BRIAN A
ONYX PHARMAC			ART UNIT	PAPER NUMBER
3031 RESEARCH RICHMOND, CA !			1635	
,			DATE MAILED: 04/15/2004	1

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.